

**BECKER**  
AVIONIC SYSTEMS  
INSTALLATION AND OPERATION  
ATC 4401-1

B. Pin connections of the unit connector

Connector: P 1

<u>Pin :</u>	<u>Input :</u>	<u>Output:</u>
1 Altitude pulse A1	X	
2 Altitude pulse A2	X	
3 Altitude pulse A4	X	
4 Ident button, external	X	
5 DME/transponder suppression	X	X
6 Supply voltage switched (altimeter)		X
7 Reply output		X
8 RX-A (RS 422)	X	
9 RX-B (RS 422)	X	
10 Illumination A	X	
11 Supply voltage +14V/28V DC	X	
12 Supply voltage +14V/28V DC	X	
13 Supply voltage GND	X	
14 Altitude pulse B1	X	
15 Altitude pulse B2	X	
16 Altitude pulse B4	X	
17 Altitude pulse C1	X	

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<u>Pin :</u>		<u>Input :</u>	<u>Output:</u>
18	Altitude pulse C2	X	
19	Altitude pulse C4	X	
20	Altitude pulse D4	X	
21	TX-A (RS 422)	X	
22	TXB (RS 422)	X	
23	Illumination B	X	
24	Function ON, external	X	
25	Supply voltage GND	X	

C. DME suppression

If required, connect the suppression in/out of transponder to the corresponding pin of the DME unit using coaxial cable.

D. External IDENT push-button

If this input (Pin 4 of unit connector P1) is briefly connected to GND (e.g. by an external push-button), the IDENT function is started in the same way as when using the IDENT push-button on the front panel.

E. Illumination

If the supply voltage is +14 V, then connect the illumination voltage to pin 10 of P 1 and attach pin 23 to the illumination ground.

If the supply voltage is +28 V, then connect the illumination voltage to pin 23 of P 1 and attach pin 10 to the illumination ground.

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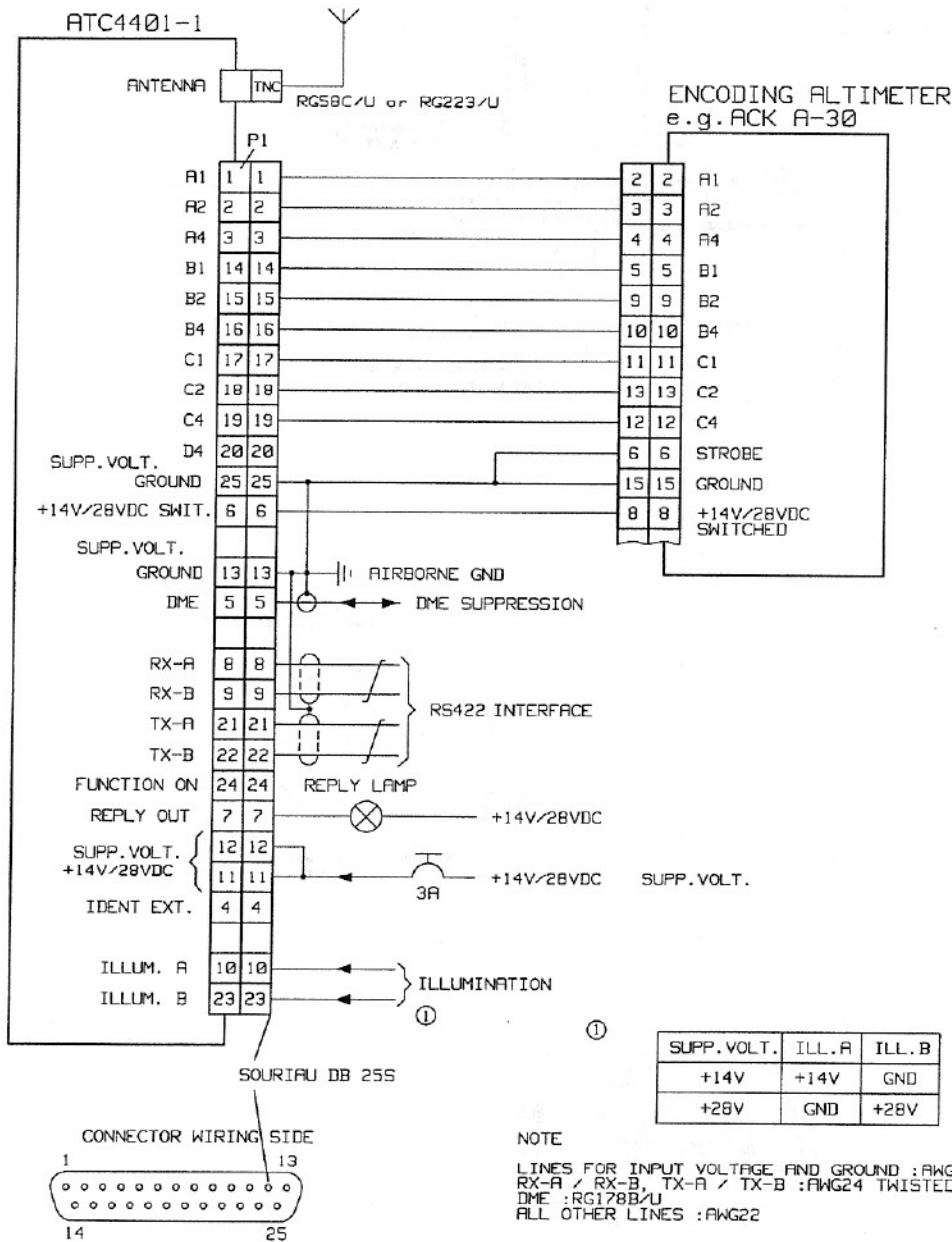


Fig. 2-4 Installation wiring ATC 4401-1 with encoding altimeter